

Edward Pauling Primary School

Curriculum Statement - Year 4 Spring

English

Odysseus - Adapted from an oral retelling of this epic, this version of the travels and trials of Odysseus. Framed by the story of Penelope and her long wait for the return of her husband, we hear the gory tale of one-eyed Cyclops, marvel at Circe's ability to change men into pigs, and are moved by Odysseus's reunion with his son. Through this text we will be writing a diary entry and a letter.

Danny Chung Does Not do Maths – Danny Chung would much rather pursue his passion for art than learn maths, which he struggles with, but his parents - especially his father, who insists on giving lectures on "the Chinese way" - refuse to entertain the idea. Through this text we will be writing a personal narrative and a short story.

Maths

Multiplication and Division – Pupils will explain the relationship between multiples of 3 and multiples of 9 and use it to solve problems. We will be learning about distributive law to calculate products beyond known times tables facts.

Fractions - Pupils will explain the relationship between multiplying and dividing a number by 10 and multiples of 10.

Geometry and Measure - Pupils will give directions from one position to another on a grid and move objects including polygons on a grid according to directions, and mark the new position. They will describe and draw polygons specified by translations.

Science

Sound – Pupils will be finding out all you can about sound; how it travels, pitch and volume. We will be investigating materials to see which will provide the best insulation against sound.

Living Things and Their Habitats – Pupils will be using classification keys to help group, identify and name a variety of living things! We will be learning about the 7 characteristics of a living thing; sort living things in a number of ways; make a dichotomous classification key to identify local invertebrates; make observational drawings and a group large-scale drawing of an insect; finally demonstrate your knowledge of classification keys to a young invited audience.

PSHE

How can we manage our feelings? We will be exploring how everyday things can affect feelings. We will be learning the importance of expressing feelings and how they can be expressed in different ways

What jobs would we like? We will be exploring a broad range of jobs and the skills, attributes, qualifications and training needed for different jobs.

Design & Technology

Mechanical Systems: Making a slingshot car – We will be working independently to produce an accurate, functioning car chassis. We will be producing panels that will fit the chassis and constructing a trail accurately, drawing conclusions.

Geography

Why are rainforests important to us?– We will be learning to name and describe the four layers of tropical rainforests. We will be exploring how indigenous peoples use the Amazon's resources and explore how the Amazon is changing. We will be using variety of data collection methods with support and learning to summarise how the local woodland is used and suggest changes to improve the area.

Art and Design

Painting & mixed media: Light and dark – We will be learning about the difference between tint and shade. They will be learning to paint with care and control to make a still life with recognisable objects.

Music

Compose With Your Friends: How Does Music Improve Our World? – Pupils will be exploring how music is often written based on various key signatures that guide melodies used in the music.

Feelings Through Music: How Does Music Teach Us About Our Community? - We will be learning how to use instruments with different sounds to help communicate different emotions.

History

How hard was it to invade & settle in Britain? - We will be exploring how the Britons felt when the Romans left Britain and suggest reasons for the Anglo-Saxon invasion of Britain. We will be making inferences about artefacts and exploring how missionaries spread Christianity and the threat the Vikings posed to the Anglo-Saxons.

P.E

Basket Ball – Pupils will be developing their physical skills of running, jumping, throwing, dribbling and shooting. They will be exploring and selecting skills in practice.

Gym – Pupils will be developing balancing, rolling and jumping. They will be collaborating with other others to use matching and contrasting actions and shapes and develop linking sequences smoothly with actions that flow.

Computing

Writing for Different Audiences – We will be exploring how font size and style can affect the impact of a text and how to use a simulated scenario to produce a news report.

Logo – We will be learning about the structure of the coding language of Logo. We will be using 2Logo to create letter shapes and how to use the 'repeat' function to create shapes.

Animation – We will be learning how animations are created by hand and how animation can be created in a similar way using the computer.

Effective Searching – I will be learning to search effectively to find out information and assess whether an information source is true and reliable.

R.E

What matters the most? – We learning about the code of living that Humanists follow. We will be exploring the terms fairness, justice, freedom and forgiveness and understanding what these mean.

How important is it to show penitence?– We will be learning about 'sin' through Christianity and Judaism and finding out how the Torah teaches about forgiveness for sin and what Jesus taught.